## DXpedition News

**Caroline Islands - KC6** Four Japanese DXers plan to operate from both Palau (formerly Western Carolines) and Micronesia (ex-Eastern Carolines) Sept. 12-19. They'll be on all bands, 16Ø-6 meters, on SSB and CW. WARC bands, too, if the license permits. From Palau, look for **KC6YU** (JH1NBN), **KC6NX** (JH2BNL), **KC6MK** (JH2HLT), and **KC6MZ** (JI2UAY). The callsigns for Micronesia have not been issued, but stations in Micronesia have been using their new **V63** prefix. No QSL route given, so try home calls.

**Rotuma - 3D** Only a week after Bing Crosby VK2BCH wrapped up his **3D2XV** Rotuma operation, Roly ZL1BQD staged a two-week stint from the island as **3D2RJ**, ending August 27. QSL home call. Mostly SSB, on 21295, 21325, 28495, and 142ØØ kHz and some CW 25 kHz up from the bottom of the band.


**Edited by Chod Harris VP2ML**

# The DX Bulletin

**America's Premier Weekly Amateur Radio Publication**

**August 25, 1989** **Issue 5Ø1**


**East Malaysia - 9M6** 9M6MA and others will operate from 4,ØØØ-meter high Mt. Kinabalu as **9M6SDX** Aug. 31-Sept. 3. Watch 38ØØ, 7Ø5Ø, 1416Ø, 2126Ø, and 285ØØ kHz. A special QSL card will be available from 9M6MA.

**Oblasts** Alex UA9OA will operate from Karaginsky Island (AS-??) Sept. 1-15, as **UA9OA/RWØX**. This is Oblast 129. QSL to Box 44, Novosibirsk-93, 63ØØ93. Accompanying Alex will be **UZ9OWM/UAØX**. QSL via Box 1, Novosibirsk 63ØØ92. Also, look for **RW3PW/UH8Y** from rare Oblast Ø46 in the CQWW RTTY contest Sept. 23-24. He'll be on CW and SSB outside the test.

**Senegal - 6W** Jim Cummings VE3JPC will operate RTTY and some SSB from Senegal for a month this Fall, 2Ø-1Ø meters. He listens down 2-1Ø kHz. QSL to K2PEQ or via the bureau.

### Reserve Your Island

- Ron Hallen 5Z4BH plans to operate from **9X5AA**'s QTH for the CQWW RTTY contest, thanks to help from JA1ACB, JG1RVN, TG9VT, GØAZT/W6, and AA5AU. QSL via W4FRU.
- W8KKF, K8CV, WD8MQJ, NY8E, and WD8ATS will operate **J3/** Oct. 26-Nov. 2, and as **J37DX** in the CQWW SSB test. QSL home calls, and J37DX to W8KKF. CW operation outside the test, and maybe some RTTY.
- Steve Dove NM2Y returns to Caicos as **VP5T** for CQWW SSB, in a single-op, all-band effort. Maybe some AMTOR outside the test. No partial calls, and "Anyone not working me on six bands will have his legs broken." QSL home call.
- St. Maarten will be available in CQWW SSB as **PJ1F**, in the multi-multi category, with KC1F and N1AU. Operation is scheduled for Oct. 22-31. QSL to the New Hampshire address of KC1F.
- Fiji will be crowded in CQWW SSB, with at least two scheduled operations. Spud Monahan K6KH and other Southern California DX Club members plan to be on as **3D2KH** in a multi-multi attempt. They'll be there Oct. 23-Nov. 2. Meanwhile Peter OH1RY says that OH2BGD and OH2VB will be on Fiji for the test. Peter himself will be on as **YJØRJ** from Vanuatu, and **5W1/OH4ML** will be active from Western Samoa. Also, **KH8/SM7PKK** will be on from American Samoa. (After the test, these five Scandinavian hams will go to Tokelau, instead of Conway Reef.)
- Members of the Acadian DX Association will be on from Marsh Island (NA-??) Oct. 26-29. Calls are **W5RRK** on SSB, **K5BLV** on CW, and **WD5DBV** on RTTY. QSL to WD5DBV. They'll be on the IOTA nets on 1426Ø kHz at 12-13ØØZ, and 2125Ø kHz at 14ØØZ.

### Shortly Noted

- Dave Heil **J52US** shuts down his highly-successful operation Sept. 1. Try 142Ø5 kHz at Ø73ØZ. Guinea-Bissau will be scarce after he leaves. Next stop: Sierra Leone. Meanwhile, fellow Embassy employee Casey **9L1CM** fires up Sept. 1. QSL Casey's operation to Box 774, St. Johnsbury VT Ø5819-Ø774.
- **GM4YLN/p** will be on from Rockall Island Aug. 25-29. Rockall is a minuscule rock about 18Ø miles from Scotland, too close for separate DXCC status, but is good for IOTA.
- Patrick FP5DX will accept 16Ø-meter schedules for Friday and Saturday evenings, beginning Sept. 15, 2345-Ø4ØØZ. Write Ralph Hirsch K1RH, 172 Newton Road, Woodbridge CT Ø6525 with SASE and desired date (and alternate).
- Regulars (callsign, frequency or band, UTC): **3B8FQ** 14ØØ9 13ØØZ; **BZ1DX** 2ØM CW 113Ø-14ØØZ; **KNØE/KH3** 14Ø29 12-14ØØZ and 21Ø28 Ø2ØØZ; **9M6MA** 1416Ø 14-16ØØZ; **VKØAE** 14286 11ØØZ; **3B8CF** 21Ø3Ø Ø3ØØZ; **9Q5DX** 21Ø16 193ØZ; **CEØFFD** 15M CW 23ØØZ; **UA1OT** 15M CW 14, Ø1ØØZ; **A92BE** 2131Ø Ø13ØZ; **CN2AQ** 2122Ø Ø3ØØZ; **J28DN** 21284 ØØØØZ; **TJ1MW** 15M SSB 2ØØØZ; **TZ6VV** 2127Ø 23ØØZ; **HL5BDS** 28Ø18 15ØØZ.
- SSB net check-ins: 14226 kHz: 3DAØAH XX9KA ZS1IS T3ØBC 4KØF JT1BV 9V1UD FH8CB EL2WK; 1425Ø: YK1AO YK1AA A61AC SU1ER; 14256: ZD8XX T5YD A41JV FH8CB J28DN FT4ZE; 21335: D68JL ZD7CW.

# Propagation

## Forecast and Historical Data

| Day Forecast | 27 Days Before | | | | 55 Days Before | | | |
|---|---|---|---|---|---|---|---|---|
| August 1989 | Date | Flux | A | K | Date | Flux | A | K |
| 25 High Normal | 7/29 | 176 | 11/11 | 3 | 7/01 | 199 | 16/23 | 4 |
| 26 High Normal | 7/30 | 180 | 08/10 | 2 | 7/02 | 189 | 06/10 | 1 |
| 27 High Normal | 7/31 | 182 | 06/08 | 3 | 7/03 | 191 | 03/07 | 1 |
| 28 Above Normal | 8/01 | 193 | 05/08 | 2 | 7/04 | 184 | 02/07 | 0 |
| 29 High Normal | 8/02 | 196 | 06/11 | 1 | 7/05 | 181 | 13/14 | 4 |
| 30 Above Normal | 8/03 | 213 | 07/10 | 2 | 7/06 | 189 | 14/16 | 3 |
| 31 High Normal | 8/04 | 220 | 10/12 | 2 | 7/07 | 186 | 09/11 | 0 |
| September | | | | | | | | |
| 01 Above Normal | 8/05 | 234 | 03/07 | 1 | 7/08 | 183 | 02/06 | 1 |
| 02 Above Normal | 8/06 | 233 | 07/11 | 2 | 7/09 | 185 | 06/09 | 1 |
| 03 High Normal | 8/07 | 232 | 11/12 | 3 | 7/10 | 177 | 15/14 | 2 |
| 04 High Normal | 8/08 | 225 | 10/12 | 2 | 7/11 | 186 | 05/07 | 1 |

## Propagation Watch

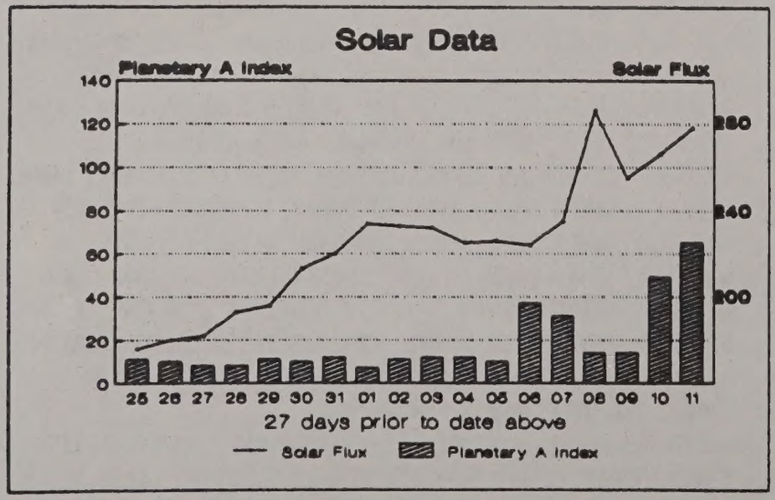
All good things come to an end, and the superb band conditions of July did just that in mid-August. After six weeks of about the best summer propagation a DXer can dream for, the sun resumed its upward trend in activity this month.

Solar flux rose almost 1ØØ points to 286, but this increase in activity was accompanied by lots of geomagnetic activity, and severe polar cap absorption. The planetary A index soared to 65 on August 15, into the Major Storm level. When the geomagnetic field is this active, DXers should get caught up on their QSLing. The planetary K index peaked at 7, a point at which it is hardly worthwhile to turn on the rig.

The main culprit in the deteriorating band conditions was sunspot region 5629, a very large, magnetically-complex region that first appeared on August 3rd. That region is due to return to the visible side of the sun at the end of August, so that above propagation predictions may be optimistic. If region 5629 retains its high level of activity during the two-week transit of the back side of the sun, be prepared for more flares and lousy band conditions in early September.

The polar cap absorption has essentially eliminated not only the polar path into Asia, but also the long path around the South Pole, a path that provided lots of choice DX in July. Only the low-latitude paths were available for much of the first half of August.

The approach of the equinox on September 23rd should mean improving band conditions, if solar flares and an active geomagnetic field don't interfere. Look for more openings on 1Ø and 12 meters over the next few weeks.




## Club Bouvet

News from Club Bouvet is that they face a September 15th deadline to charter a ship with a helicopter. Because of the great difficulty of a sea landing on Bouvet, a helicopter will be a significant help to the DXpedition. It will also eliminate the long trudge up the hill from the landing site to the operating position, and thus will increase operating time on the island. Anyone wishing to join the 9Ø DXers who have already contributed thousands of dollars toward this operation may do so via Box 88, N-1361 Billingstadsletta, Norway. The other rumored Bouvet operations are just that: rumors. Every year there are dozens of such hoped-for operations, but only the Club Bouvet group has the necessary approvals for this year. Again, if you wish to contribute toward making this operation a reality, please consider doing so immediately. [The DX Bulletin has made a small donation; won't you?]

## Who's Who in Amateur Radio

Jackson Daugherty N5FKE of Star Quest Publishing Company is working on a book featuring biographies of amateurs around the world. Jack, who operated as 9V1QJ in the early 197Øs, says anyone who wishes to be included in the first edition of *Who in Amateur Radio* should send him a self-addressed, stamped envelope for an application form. The address is 11765 West Ave., Suite 318, San Antonio TX 78216.

## More Shortly Noted

- Several stations with **BZ** prefixes have been reported in August. **BZ4RDX** says there are 3Ø individually licensed stations in the People's Republic of China, using the BZ prefix. Among those reported are **BZ1DX**, operator Bo, QSL to Box 2564 Beijing; **BZ4RCC** via Box 1827, Nanjing (same address as BY4WNG); **BZ4RDX**, also Box 1827, Nanjing, and **BZ4RC**, Box 538, Nanjing.
- Galveston County, Texas, now has a Pavillion Software PacketCluster DX spotting node on 144.97 MHz, with the call K5FP. Stations in southern Harris County, including Houston, should be able to access the node.
- Fred Laun, ex-HS1ABD, reports that Thailand has finally given amateur radio examinations for HF operation. He thinks individual stations may get HF privileges next year. Meanwhile **HSØF** is now active from the old HS1WR QTH.
- The latest edition of K2OLG's comprehensive 1Ø-meter beacon list is available from The DX Bulletin for a self-addressed, stamped envelope.
- Mr. Y. Inoue JR1AIB has retired from the job of editing *The DX Family News*, a Japanese-language DX newsletter. The new editor is M. Kawakami JR1CBC, 4-32-5 Nashigahar, Kita-Ku, Tokyo 114, Japan.
- **Corrections:** From Issue 499: the station **Y73SOP** is **not** in Antarctica; it's a special event station by the Rostock club celebrating the Sea of Peace. And JY8GI is not the third JY8; many visitors to Jordan have operated with the JY8 prefix, including the Colvins, Dave Bell, etc. [Sorry about the slip-ups; I obviously needed my vacation. -ed.]

## Changes in The DX Bulletin

Readers may have noticed some slashed zeros, at least on Page 1, another improvement to your favorite DX newsletter. And a reader has suggested changing the order of the Calendar entries to prefix order, instead of country name. How do the rest of you feel about this? Drop me a note (or call the recorder at night for about the same cost) with your vote: prefix order or country name. Thanks.

# B . A . N . D . P . A . S . S

*Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.*
*All "portable" calls listed with country of operation first, regardless of format used on the air.*

### RTTY

| | | | | |
|---|---|---|---|---|
| 4S7EA | 14086 | 0058 | 6 | NY |
| 5B4PW | 14076 | 2354 | 11 | NY |
| 5Z4BH | 21090 | 2050 | 4 | CA |
| 6W6JX | 14089 | 2315 | 13 | NY |
| 9J2AL | 21081 | 1520 | 8 | CA |
| 9M2MW | 21092 | 1830 | 13 | NY |
| C6AAA | 21090 | 2331 | 13 | MD |
| CO2BB | 14093 | 0250 | 11 | CA |
| DU1ANG | 21094 | 1330 | 5 | OH |
| HV3SJ | 14086 | 2200 | 13 | FL |
| LX1BG | 14094 | 2355 | 5 | ND |
| OD5NG | 14089 | 0240 | 9 | NY |
| SV0EK | 21086 | 1500 | 5 | OH |
| TK5IU | 14091 | 2120 | 13 | FL |
| UW0CN | 14091 | 1203 | 5 | OH |
| V85GA | 21088 | 1656 | 6 | MN |
| YI1BGD | 21091 | 1515 | 6 | CA |
| YO8BOI | 21085 | 1930 | 1 | ND |

### 160 Meters

| | | | | |
|---|---|---|---|---|
| HK0HEU | 1831 | 0516 | 13 | WA |
| KX6DC | 1832 | 1240 | 13 | WA |
| LU2DVI | 1838 | 0140 | 3 | NJ |
| PY1RO | 1832 | 0541 | 8 | WA |
| XT2CW | 1830 | 0309 | 10 | WV |

### 80 Meters

| | | | | |
|---|---|---|---|---|
| 5H3TW | 3505 | 0300 | 2 | NJ |
| KH3/KN0E | 3502 | 0600 | 10 | WA |
| RB5NC | 3502 | 0203 | 9 | FL |

### 75 Meters

| | | | | |
|---|---|---|---|---|
| 7X4AN | 3799 | 0030 | 15 | MA |
| EA6WV | 3799 | 0054 | 12 | MA |
| FP5DX | 3796 | 0131 | 3 | NJ |
| LU1BR | 3797 | 0956 | 15 | MA |
| V31BB | 3794 | 0203 | 16 | MA |
| VK5WO | 3797 | 1347 | 10 | WA |
| VP2EXX | 3795 | 0020 | 15 | MA |
| XF1C | 3797 | 1306 | 14 | OR |
| ZP5FGS | 3792 | 0040 | 13 | MA |
| ZS1RL | 3794 | 0325 | 10 | WA |
| ZS8MI | 3795 | 0454 | 2 | MO |

### 40 Meters

| | | | | |
|---|---|---|---|---|
| 9M8ST | 7005 | 1356 | 5 | CA |
| A92BE | 7088 | 0146 | 4 | MA |
| CE0OGZ | 7001 | 0153 | 15 | MA |
| CE0OGZ | 7005 | 1118 | 15 | CA |
| CY9SPI | 7005 | 0919 | 16 | FL |
| KH3/KN0E | 7005 | 0544 | 10 | WA |
| UG6GAW | 7005 | 0201 | 9 | FL |
| UR1RWN | 7015 | 0131 | 7 | FL |

### 30 Meters

| | | | | |
|---|---|---|---|---|
| 5B4OG | 10106 | 0235 | 19 | FL |
| EA8AB | 10101 | 2320 | 5 | SC |
| EA8AU | 10103 | 2317 | 12 | MA |
| FY5AU | 10104 | 0049 | 13 | FL |
| KG4SM | 10104 | 0033 | 15 | FL |
| P43JB | 10101 | 0255 | 12 | SC |
| SP9EIJ | 10106 | 0251 | 12 | FL |
| TK5CW | 10105 | 0111 | 15 | FL |
| UB5ES | 10103 | 2345 | 12 | FL |
| UD6DKW | 10104 | 0026 | 13 | FL |
| UP2BJI | 10103 | 2300 | 19 | FL |
| VK3NC * | 10102 | 2227 | 15 | FL |
| XE1MD | 10106 | 0056 | 15 | FL |
| XE2IZ | 10118 | 0254 | 12 | FL |

### 20 Meter CW

| | | | | |
|---|---|---|---|---|
| 3B8FQ * | 14009 | 1300 | 13 | FL |
| 3B9FR * | 14033 | 1043 | 10 | CT |
| 4L0X | 14021 | 0902 | 28 | BC |
| 4L1FS | 14025 | 0612 | 6 | AZ |
| 5H3TW * | 14026 | 1158 | 6 | WI |
| 5Z4FN * | 14016 | 1340 | 10 | OR |
| 9M2RU * | 14025 | 1138 | 19 | FL |
| 9M2SG | 14010 | 1420 | 12 | CA |
| 9V0JY * | 14032 | 1208 | 11 | GA |
| BV2A * | 14023 | 1145 | 12 | MI |
| BY4RB * | 14018 | 1135 | 19 | FL |
| BZ1DX | 14022 | 1130 | 11 | CA |
| BZ4RA | 14049 | 1150 | 9 | CA |
| CD89A | 14001 | 0000 | 16 | MA |
| D68JL | 14025 | 0235 | 5 | MA |
| EL7X | 14011 | 2145 | 10 | MI |
| FR4FD | 14016 | 1116 | 4 | WV |
| HS0D | 14025 | 1132 | 6 | MD |
| HZ1AB * | 14015 | 1409 | 13 | OR |
| J52US | 14026 | 2321 | 16 | CO |
| JT1BR | 14017 | 1535 | 15 | OR |
| JX7DFA | 14015 | 2150 | 2 | NC |
| KH3/KN0E | 14028 | 1153 | 2 | WI |
| R9ZF | 14025 | 1415 | 12 | OR |
| RH8AO | 14051 | 0100 | 8 | FL |
| SU1EE | 14030 | 0215 | 12 | MI |
| SV9TJ | 14019 | 2223 | 8 | NB |
| T20AA | 14031 | 1108 | 2 | NJ |
| TL8RM | 14023 | 1553 | 11 | OR |
| TL8RM | 14019 | 0255 | 4 | MA |
| U8BB | 14024 | 0253 | 17 | FL |
| UA1O/ UA0BDU | 14009 | 0300 | 8 | MI |
| UG6GAW | 14005 | 0124 | 8 | WI |
| UI8AAX | 14030 | 0130 | 10 | MI |
| UR3RA | 14022 | 0134 | 9 | FL |
| VS6VC | 14025 | 1326 | 6 | FL |
| VU2AIR | 14028 | 2343 | 8 | NB |
| VU2PCH | 14004 | 1325 | 12 | CA |
| VU2RX | 14009 | 1323 | 12 | MT |
| VU2TTC | 14026 | 1217 | 1 | WV |
| ZF4JI | 14020 | 1213 | 4 | CO |
| ZD8SE * | 14003 | 0032 | 1 | NB |

### 20 Meter SSB

| | | | | |
|---|---|---|---|---|
| 3B9FR | 14164 | 1050 | 3 | OH |
| 4S7EA * | 14181 | 1236 | 6 | IL |
| 7P8DP | 14152 | 1532 | 13 | OR |
| 8Q7AC | 14226 | 0056 | 14 | FL |
| 9K2EC | 14270 | 2044 | 4 | NJ |
| 9M2MW | 14251 | 1055 | 31 | OH |
| 9M2RU | 14200 | 1530 | 4 | CA |
| 9M2ZA | 14162 | 1135 | 13 | MI |
| 9M6MA | 14166 | 1424 | 13 | OR |
| 9N1MM | 14219 | 2326 | 13 | MD |
| A41JR | 14245 | 2114 | 12 | MA |
| A92FB | 14159 | 0145 | 3 | OH |
| AP2AU | 14229 | 0140 | 14 | MA |
| AP2JA * | 14180 | 1211 | 15 | NH |
| BZ4RCC | 14201 | 1243 | 15 | IL |
| D44BS | 14227 | 0010 | 15 | NH |
| D68WB | 14154 | 0340 | 13 | OR |
| EL7X | 14185 | 0833 | 1 | FL |
| FH8CB | 14217 | 0337 | 3 | MO |
| H44JL | 14221 | 1139 | 5 | NY |
| J52US | 14208 | 0732 | 8 | MI |
| JW6XGA | 14215 | 0830 | 1 | KY |
| KC4AAA | 14208 | 1025 | 6 | MA |
| KC4USV | 14205 | 1162 | 5 | NY |
| P29CG | 14218 | 1225 | 4 | VP |
| P29MO | 14239 | 1105 | 31 | OH |
| SV8RX | 14226 | 0037 | 4 | CA |
| T5YD | 14193 | 0330 | 3 | MO |
| TU2KX | 14243 | 0735 | 12 | MD |
| TU2UI | 14157 | 0417 | 10 | ON |
| UA1OIL | 14205 | 0325 | 2 | NC |
| UL7VV | 14252 | 0140 | 3 | OH |
| V63AP | 14200 | 1030 | 13 | MD |
| VK0AE | 14286 | 1105 | 8 | MI |
| YJ8GP | 14213 | 0945 | 4 | NY |
| YN3ACZ | 14180 | 0051 | 7 | MA |

### 17 Meter CW

| | | | | |
|---|---|---|---|---|
| OY7ML | 18075 | 2330 | 5 | SC |
| TK5CW | 18071 | 0104 | 14 | FL |

### 17 Meter SSB

| | | | | |
|---|---|---|---|---|
| 5N0UDB | 18153 | 2115 | 13 | NH |
| 5N9ABY | 18150 | 2107 | 12 | VA |
| 9K2EC | 18145 | 2301 | 5 | WV |
| C6ARC | 18120 | 1420 | 4 | SC |
| CE0DFL | 18129 | 0112 | 13 | VA |
| CE0ICD | 18140 | 2146 | 3 | SC |
| FR5EL | 14130 | 0322 | 13 | FL |
| HC8T | 18143 | 0120 | 13 | VA |
| HH2MC | 18123 | 2336 | 5 | WV |
| HZ1AB | 18113 | 1555 | 13 | NH |
| SV0FC | 18125 | 0357 | 13 | FL |
| YN3CB | 18129 | 2347 | 5 | WV |
| ZD8JW | 18135 | 2303 | 12 | VA |

### 15 Meter CW

| | | | | |
|---|---|---|---|---|
| 3B8CF | 21031 | 0340 | 9 | CO |
| 3B8FK | 21024 | 1420 | 9 | WA |
| 4L0X | 21023 | 0046 | 1 | MA |
| 4S7GF | 21011 | 0051 | 3 | MI |
| 5H3TW | 21001 | 1812 | 2 | CA |
| 5H3TW * | 21025 | 1229 | 6 | PA |
| 9Q5DX | 21017 | 1940 | 14 | MD |
| AP2MC * | 21012 | 1210 | 9 | WI |
| BY1QH | 21055 | 0530 | 13 | CA |
| CE0FFD | 21012 | 2252 | 14 | MD |
| EA9EU | 21013 | 2125 | 19 | FL |
| FP5DX | 21025 | 2327 | 4 | FL |
| HT3A | 21008 | 1225 | 12 | VA |
| J28CW | 21030 | 2202 | 4 | TN |
| J52US | 21007 | 1111 | 13 | VA |
| J52US | 21026 | 2140 | 9 | NB |
| JT1KAA | 21041 | 0117 | 5 | OR |
| KH3/KN0E | 21030 | 1347 | 6 | FL |
| KH3/KN0E | 21028 | 0200 | 9 | CA |
| KX6DC | 21027 | 0435 | 8 | CA |
| PZ1DY | 21002 | 1332 | 6 | FL |
| RH8AJ | 21001 | 1812 | 2 | CA |
| RV0YF | 21012 | 0436 | 10 | AK |
| ST2/ PA0GAM | 21020 | 0021 | 4 | FL |
| SU1EE | 21031 | 0115 | 1 | FL |
| TA3D | 21013 | 0255 | 7 | SC |
| TT8CW | 21014 | 0140 | 7 | CA |
| TZ0MAR | 21019 | 1542 | 3 | MA |
| UA1OT | 21011 | 1420 | 6 | FL |
| UA1OT | 21014 | 0058 | 7 | MA |
| UG6GQ * | 21030 | 1424 | 8 | WA |
| UI8QU | 21018 | 1907 | 3 | MA |
| UI9UWA | 21034 | 0253 | 9 | MI |
| V85AA | 21003 | 1745 | 3 | MA |
| VU2PCD | 21007 | 0200 | 5 | MA |
| VU2SU | 21003 | 0028 | 9 | SC |
| ZD8BOB | 21006 | 2257 | 1 | TN |
| ZV7AA | 21017 | 2115 | 2 | NC |

### 15 Meter SSB

| | | | | |
|---|---|---|---|---|
| 3DA0AH * | 21235 | 1309 | 13 | TX |
| 4S7EA | 21294 | 0037 | 4 | NJ |
| 5H3TW | 21204 | 2130 | 7 | CA |
| 5Z4FO | 21211 | 2047 | 3 | WI |
| 9K2CS | 21267 | 2237 | 29 | OH |
| 9M6HF | 21236 | 1545 | 6 | NH |
| 9N1MM | 21204 | 0100 | 3 | MI |
| 9Q5AA | 21315 | 2249 | 5 | MA |
| A41JV | 21255 | 0100 | 4 | MI |
| A41KP | 21239 | 2318 | 3 | MA |
| A92BE | 21314 | 0136 | 4 | MA |
| A92FB | 21303 | 2104 | 8 | MD |
| BV7RA | 21234 | 1410 | 5 | OH |
| BY4RB | 21242 | 2228 | 2 | WI |
| BY5HZ | 21300 | 0400 | 5 | CA |
| CN2AQ | 21225 | 0310 | 9 | NC |
| CN8FC | 21326 | 1817 | 13 | MD |
| FH8CB | 21309 | 0352 | 5 | MD |
| FR4FD | 21275 | 0530 | 5 | CA |
| H44SH | 21223 | 1334 | 13 | MD |
| J28DN | 21284 | 0005 | 3 | NJ |
| J52US | 21317 | 2105 | 6 | IL |
| JT1KAA | 21218 | 0244 | 4 | WV |
| P29SR | 21303 | 0225 | 5 | IL |
| PY0FF | 21258 | 2130 | 29 | OH |
| S92LB | 21273 | 2135 | 14 | TX |
| SU1EE | 21306 | 0255 | 2 | NJ |
| SU1EK | 21237 | 0041 | 3 | NJ |
| TF9CW | 21253 | 2033 | 22 | IL |
| TJ1MW | 21210 | 1940 | 6 | CA |
| TL8SC | 21304 | 2157 | 13 | MD |
| TR8SA | 21294 | 2145 | 29 | OH |
| TT8CW | 21300 | 0208 | 7 | MA |
| TZ6VV | 21268 | 2254 | 12 | MA |
| UJ8KA | 21248 | 0301 | 1 | NJ |
| VQ9TC | 21300 | 1500 | 13 | CA |
| VQ9TC | 21272 | 0343 | 2 | FL |
| VR6TC | 21327 | 0205 | 2 | IL |
| VU2BEG * | 21240 | 1130 | 13 | MI |
| VU2WAP | 21289 | 2219 | 12 | MD |
| YI1BGD | 21335 | 1750 | 4 | IL |
| YN3ACZ | 21299 | 2229 | 1 | FL |
| ZD7AL | 21227 | 2000 | 7 | MI |
| ZD7DP | 21315 | 2148 | 14 | TX |
| ZD8BOB | 21252 | 2135 | 29 | OH |
| ZD8RP | 21249 | 1931 | 2 | VP |
| ZS8MI * | 21306 | 1510 | 13 | CA |

### 12 Meters

| | | | | |
|---|---|---|---|---|
| HZ1AB | 24943 | 2021 | 6 | FL |

### 10 Meter CW

| | | | | |
|---|---|---|---|---|
| 9Q5DX | 28017 | 1628 | 5 | NJ |
| CE0FFD | 28008 | 1632 | 6 | GA |
| EA8BIE | 28026 | 1207 | 13 | FL |
| HL5BDS | 28017 | 1515 | 5 | OH |
| J28CY | 28023 | 1443 | 5 | NJ |
| ST2/ PA0GAM | 28025 | 2230 | 3 | FL |
| TL8RM | 28015 | 1614 | 6 | NJ |

### 10 Meter SSB

| | | | | |
|---|---|---|---|---|
| 0T6C | 28500 | 1409 | 6 | IL |
| 7P8DP | 28496 | 1405 | 6 | MA |
| 8R1RBF | 28529 | 2135 | 13 | NH |
| J28CW | 28550 | 1430 | 5 | NJ |
| J52US | 28467 | 1857 | 1 | MO |
| KH0AC | 28485 | 2130 | 9 | CA |
| ST2/ PA0GAM | 28500 | 2315 | 3 | TN |
| SU1EE | 28525 | 1320 | 5 | NJ |
| T32AB | 28525 | 1837 | 13 | TX |
| TL8NG | 28470 | 0930 | 6 | NJ |
| TL8WD | 28540 | 2300 | 4 | NJ |
| TU4DA | 28525 | 1710 | 4 | MA |
| VP8BUB | 28470 | 1633 | 30 | TN |
| Z22JL | 28502 | 1330 | 5 | NJ |
| ZD8PJ | 28583 | 1839 | 3 | MD |
| ZD8RP | 28315 | 1502 | 13 | MA |
| ZS8MI | 28555 | 1145 | 6 | NJ |
| ZS1IS | 28610 | 1616 | 7 | FL |

### 6 Meters

| | | | | |
|---|---|---|---|---|
| CT4KQ | 50110 | 2129 | 31 | NS |
| ZB2VHF | 50035 | 2122 | 31 | NS |

### Novice Band

| | | | | |
|---|---|---|---|---|
| 4X6SL | 21135 | 1626 | 13 | FL |
| 9M2SG | 21112 | 1236 | 12 | FL |
| G3NSA | 21137 | 1744 | 1 | IL |
| NH6SV | 21135 | 2215 | 16 | FL |
| PZ1AV | 21120 | 2132 | 16 | FL |

1 498 YOUR SUBSCRIPTION ENDS 89/10
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# Calendar

Issue 501 - August 25, 1989

(Changes and hot info in boldface.)

| | | |
|---|---|---|
| Amsterdam Island | FT4ZE 20M CW long path 1330Z | I500 |
| Bahrain - A9 | A92BE 21300 or so 18-2200Z | I500 |
| Bouvet - 3Y | In December? | I497 |
| **Caribbean** | **by PA0CRA Aug. 14-28** | **I499** |
| China - BY | BY4RB 14033 kHz 1200Z | I500 |
| Christmas Is. - T32 | T32AB 21240 0330Z | I499 |
| Djibouti - J2 | J28DN 21280 0000Z | I501 |
| **East Malaysia - 9M6** | **9M6SDX Aug. 31-Sept. 3** | **I501** |
| Easter Island - CE0 | CE0DFL 21290 0200Z | I500 |
| Eastern Carolines | KC6MS on 6 meters Sept. | I498 |
| | **by JAs Sept. 12-19** | **I501** |
| Egypt - SU | SU1EK 21230 kHz 0100Z | I499 |
| **Fiji - 3D** | **3D2KH CQWW SSB** | **I501** |
| | **OH2BV, OH2BGD CQWW SSB** | **I501** |
| Grand Cayman -ZF | ZF2LG Sept. 10-22 | I500 |
| Guinea-Bissau - J5 | J52US 14205 0730Z | I501 |
| Guyana - 8R | 8R1J 15M CW 2130Z | I498 |
| India - VU | VU2IOC 20M CW 1230Z | I500 |
| ITU - 4U1ITU | multi-multi CQWW CW | I497 |
| Iraq - YI | YI1BGD 21295 1900Z Saturday | I500 |
| Johnston Is. - KH3 | KN0E/KH3 14029 12-1400Z | I501 |
| | 21028 0200Z | I501 |
| Jordan - JY | JY9SR 21029 kHz 0130Z | I499 |
| Liechtenstein - HB0 | HB0/YT3RU Sept. 1-11 | I500 |
| Malta - 9H | 9H3EH Sept. 21-Oct. 19 | I500 |
| Marion Island - ZS8 | ZS8MI 14050 10-1300Z Fri. | I500 |
| | or 14180, 193, 212 13-1500Z | I499 |
| Mauritius - 3B | 3B8CF 14029 1400Z | I501 |
| | 3B8FQ 14009 1300Z | I501 |
| Mayotte - FH | FH8CB 21316 0400Z | I500 |
| Mongolia - JT | JT1KAA 15M SSB often | I497 |
| **Oblasts** - | 138 UA0I UV3DDC to September | I494 |
| | 014 RF8Q UW3DM September | I498 |
| | UA3EAC/RF5Q September | I498 |
| | **UA9OA/RW0X Sept. 1-15** | **I501** |
| | **RW3PW/UH8Y Sept. 23-24** | **I501** |
| Pakistan - AP | AP2AD 21282 0200Z | I497 |
| Papua-New Guinea | P29PL 14003 1030Z | I499 |
| Reunion Is. - FR | FR4FD 20M CW 1330Z | I497 |
| **Rotuma - 3D2** | **3D2RJ by ZL1BQD to Aug. 27** | **I501** |
| Rwanda - 9X | 9X5AA 14020 long path 12-1400Z | I500 |
| St. Helena - ZD7 | ZD7VC 28470 1330Z | I499 |
| St. Kitts - V4 | CQWW SSB M/S operations | I496 |
| **St. Maarten - PJ** | **PJ1F by KC1F CQWW SSB** | **I501** |
| Sao Tome - S9 | S92LB 21280 2000Z Mon. | I498 |
| Senegal - 6W | **by VE3JPC RTTY this Fall** | **I501** |
| Somalia - T5 | T5CT 15M SSB 0400Z | I498 |
| South Georgia - VP8 | VP8BUB 40M SSB 2200Z Tu/Th | I499 |
| South Shetlands | HL5BDS 28020 14-1700Z | I493 |
| Sovereign Bases - ZC | ZC4MK 15-meter SSB 0500Z | I499 |
| Sri Lanka - 4S | 4S7VK 14175 1130Z | I500 |
| | 4S7NE 14005 1230Z | I500 |
| Sudan - ST | PA0GAM/ST2 21024 21-00Z | I500 |
| Syria - YK | YK1AO 20M CW 0230Z | I497 |
| Tadzhik - UJ | UJ8KA 21005 0100Z | I499 |
| Taiwan - BV | BV4QA 14025 1400Z | I499 |
| Tanzania - 5H | 5H3TW 21020 21-2300Z | I499 |
| Thailand - HS | HS0B 14210 1300Z | I497 |
| Tokelau - ZK3 | Nov. 3-13 by OH1RY et al | I501 |
| **Turks and Caicos - VP5** | **VP5T CQWW SSB by NM2Y** | **I501** |
| Walvis Bay - ZS1 | ZS1IS 28610 1600Z Sundays | I500 |
| | **ZS1IS Aug. 27-Sept. 10** | **I498** |
| **Western Carolines KC** | **by JAs Sept. 12-19** | **I501** |
| West Malaysia - 9M2 | 9M2ZA 14032 10-1200Z | I498 |
| Zimbabwe - Z2 | Z21FN 14025 long path 1300Z | I497 |
| Zone 23 | RV0YF 21010 23-0200Z | I499 |

## DX Activities and Contests

| Date | Event or Activity | Info |
|---|---|---|
| Sept. 9-10 | Worked All Europe SSB | CQ |
| Sept. 23-24 | CQWW RTTY Contest | CQ |

## Contributors

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